

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #18—September 10, 2007

Work Completed: August 30-September 5, 2007

- Began installing turbidity curtain at Islands 1 and 2 and Removal Area 6B.
- Began constructing a temporary access road along Removal Area 6B and Upland Area 6B1.
- Began installing temporary erosion control features (earthworks) at Upland Area 6B1.
- Completed clearing and grubbing of Removal Areas 7 and 8.
- Continued installing steel sheeting for the Phase I cofferdam.
- Completed excavation of TSCA soil from Removal Area 3B.
- Solidified, loaded and transported excavated material to Allied Waste's C&C landfill in Marshall, Michigan (non-TSCA material) and EQ's Wayne Disposal in Detroit, MI.
- Continued staging soil at Staging Area 2S.
- Continued post-excavation activities including finish grading and placing topsoil on the north and south banks of the Kalamazoo River upstream of the Route 131 Bridge.
- Completed mobilization of equipment, personnel, and materials for seeding and placing of erosion control blanket.
- Began seeding and placing erosion control blanket in Removal Areas 1, 2A, and 3A.
- Completed the removal of the top portion of the access roads along the north bank of the Kalamazoo River.
- Continued surveying and confirmation sampling in Removal Areas 3B and 4B.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	280	8	1,155	33
Total to Date	1,505	43	11,865	339

** All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

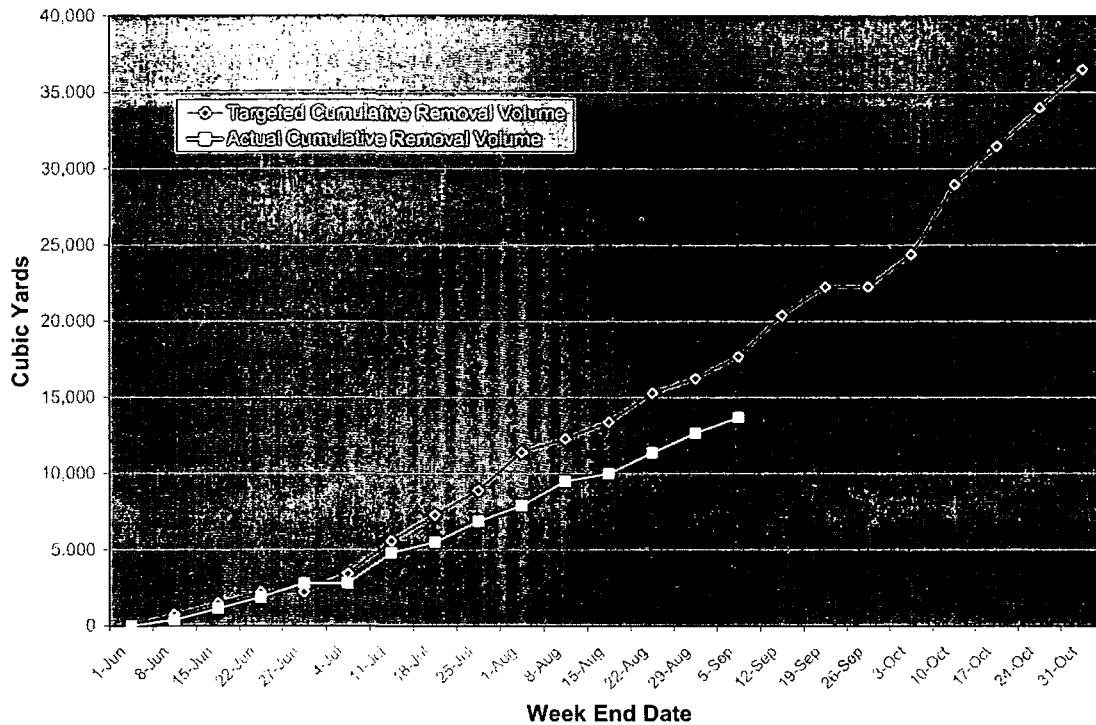


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Work Planned: September 6-12, 2007

- Continue installing turbidity curtain at Islands 1 and 2 and Removal Area 6B.
- Begin developing access to Islands 1 and 2.
- Continue construction of a temporary access road along Removal Areas 6B, 7, and 8 (pending finalization of access agreement with Meijer).
- Continue installing temporary erosion control features (earthworks) at Upland Area 6B1.
- Begin removal of Staging Area 1N.
- Complete installation of steel sheeting for the construction of the Phase I cofferdam.
- Continue loading and transporting solidified TSCA material from Staging Area 2S to EQ's Wayne Disposal in Detroit, MI. Complete staging and segregating soil at Staging Area 2S.
- Continue seeding and placing erosion control mats at Upland Areas 3A1 and 3A2, Removal Areas 4A, 5, and 6A, and Island 3.
- Continue surveying and performing sampling and analysis of excavated portions of Removal Area 3B.

Removal Progress

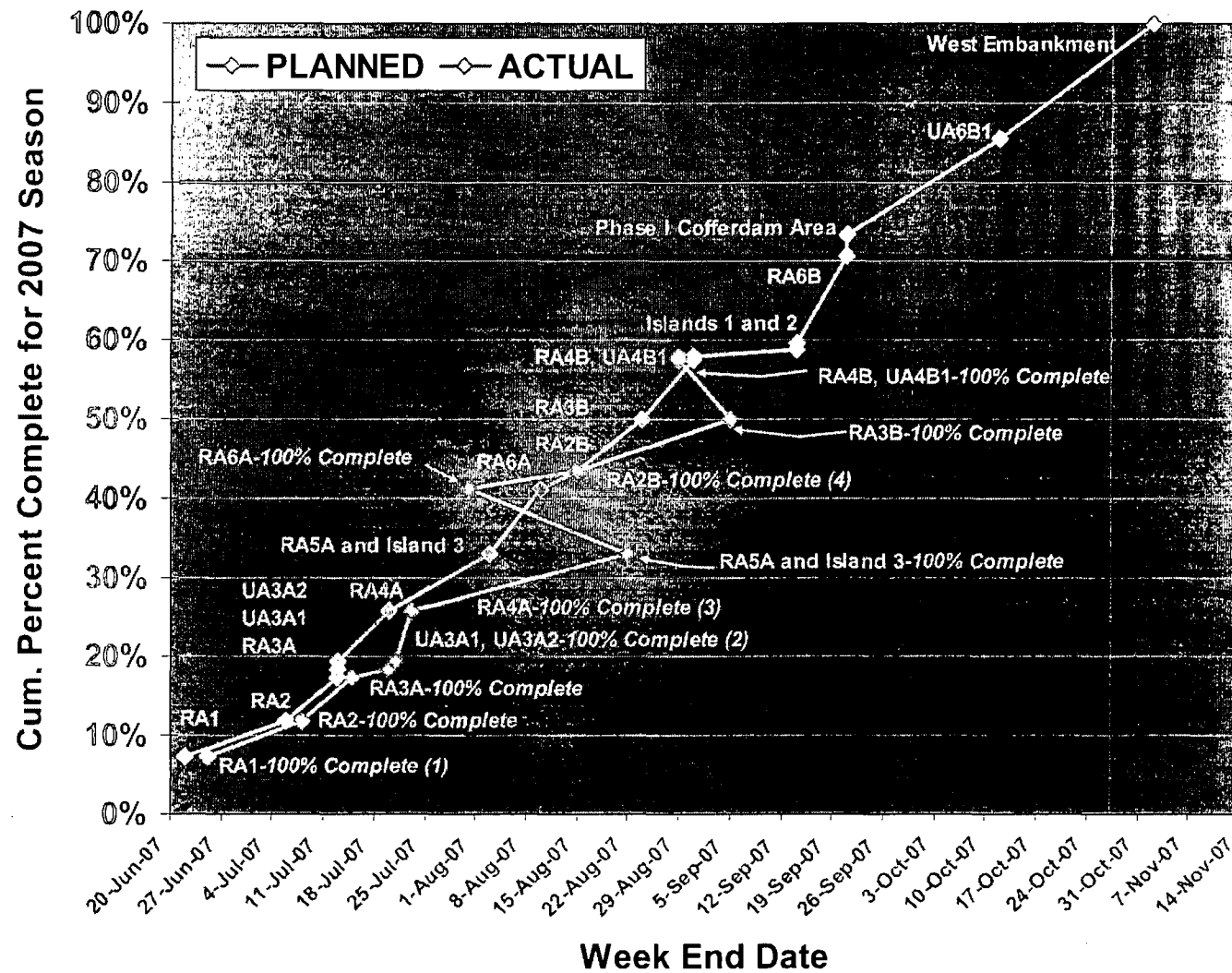


Notes

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Health & Safety Update

- Four Loss Prevention Observations (LPOs) were completed this week.
A total of 48 LPOs have been completed for the project to date.
- Loss Prevention System (LPS) training was performed for subcontractor personnel (JFNew and Terra) on August 30, 2007.

Weather Summary

- No weather delays were encountered during this reporting period.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: ~ 19,000 gallons
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area(s): 3B, 4B,
and Upland Area 4B1
Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- An impact hammer and crane will be mobilized to the Site to assist in driving steel sheeting for the Phase I cofferdam to the revised design depth.

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #18
Page 6 of 9**

Equipment on Site

Equipment	8/30/07	8/31/07	9/1/07	9/2/07	9/3/07	9/4/07	9/5/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Hitachi 450 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	2	2	2	2	2	2	2
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	1	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Vermeer Chipper	2	2	2	2	2	2	2
Komatsu D65 Dozer	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
Vacuum Truck	1	1	1	1	1	1	1
Stump Shear	0	0	0	0	0	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
Terex RT 50-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	2	2	2	2	2	2	2
Komatsu 400 Articulating Dump Truck	3	3	3	3	3	3	3

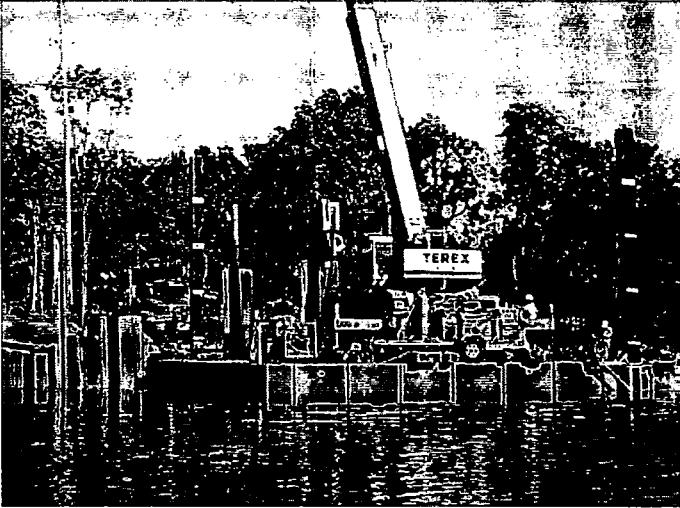
**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #18
Page 7 of 9**

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	8/30/07	8/31/07	9/1/07	9/2/07	9/3/07	9/4/07	9/5/07
Terra Contracting Staff	22	22				22	22
Sam Borries/USEPA OSC						X	X
Mike Ribordy/USEPA OSC		X					
Craig Thomas/USEPA OSC							
Paul Bucholtz/MDEQ		X				X	
John Bradley/MDEQ							
John Lerg/MDNR							
Weston Contractors	1	1				1	1
Rick Difiore/ARCADIS BBLES							
Steve Garbaciak/ARCADIS BBL							
Doug Cowin/ARCADIS BBL							
Adam Chwalibog/ARCADIS BBL	X	X					
Chadd General/ARCADIS BBL	X	X				X	X
Eric Hritsuk/ARCADIS BBL							X
Rich Price/ARCADIS BBLES	X	X					
Matt Bowman/ARCADIS BBLES							
EJ Suardini/ARCADIS BBLES	X	X				X	X
Mike Kohagen/ARCADIS BBLES	X	X				X	X
Ben Lawrence/ARCADIS BBLES		X				X	X
Michelle Rumler/ARCADIS BBL	X	X				X	X
Joe Willoughby/ARCADIS BBLES	X	X				X	X
Nick Harmer/ARCADIS BBL		X				X	X
<i>Other Subcontractors (Specify)</i>							
JFNew	5	5				5	5
King Construction (WCS/cofferdam)	4	4				4	4

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #18
Page 8 of 9**

Photos from Week #18



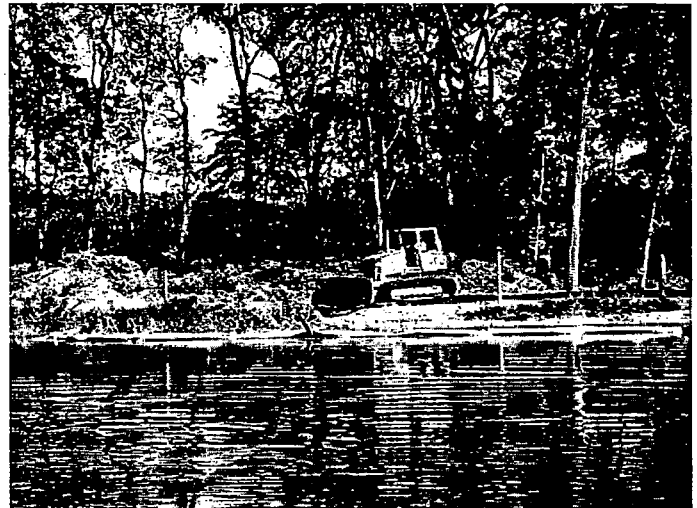
Installing steel sheeting for the Phase I cofferdam.



Seeding in Removal Area 1.

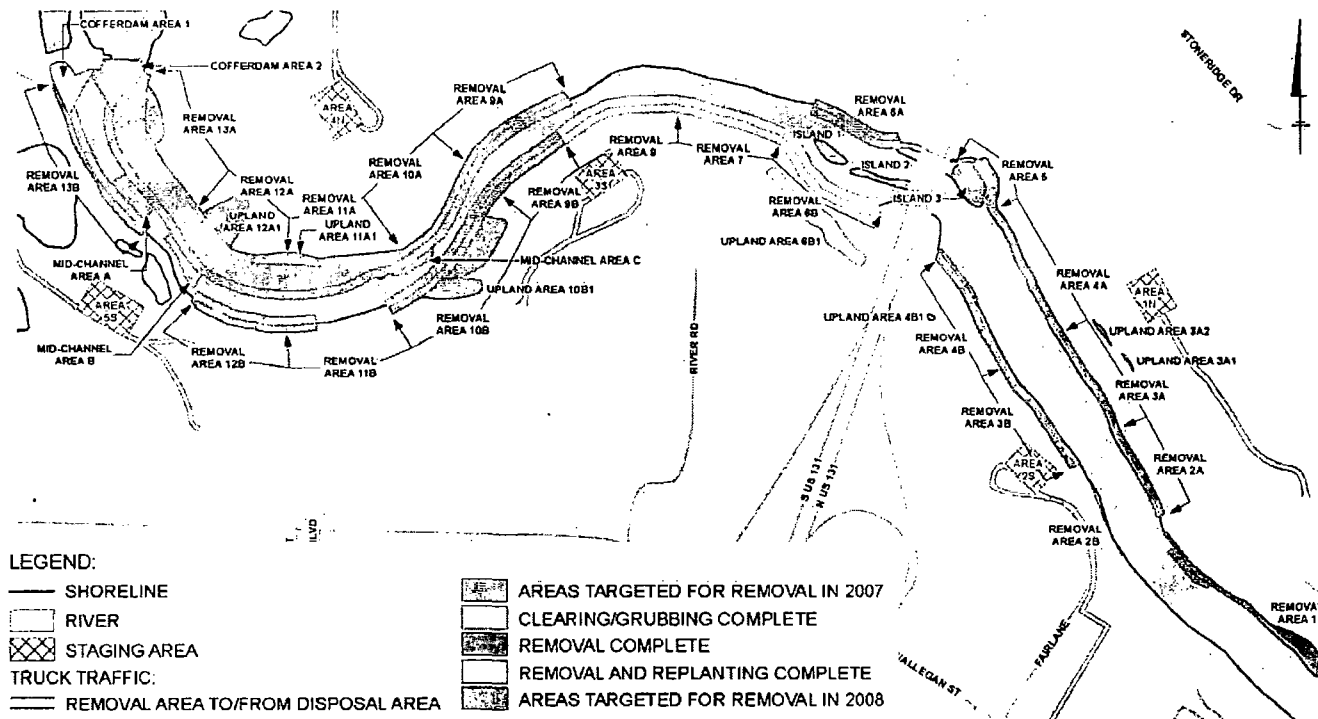


Unloading geosynthetic materials for staging area construction.



Performing grading as a part of post-excavation activities.

Targeted Removal Areas—Former Plainwell Impoundment



All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.